a. a housing;

b. at least one module mounted in said housing;

c. a top surface sealed to said housing and said at least one module, said top surface being a selectively deformable elastomeric material;

d. a microelectromechanical device mounted in said module such that said microelectromechanical device selectively deforms said top surface by forming dimples therein which said dimples function as Braille dots which form Braille characters, and said microelectromechanical device allows said dimples to selectively flatten thereby removing said Braille dots and thereby changing said Braille characters, said Braille dots and said Braille characters forming a Braille display;

e. a microcontroller, which controls said microelectromechanical device, connected to said personal computer, ATM machine and other embedded and portable devices such that information and data from said personal computer, ATM machine and other embedded and portable devices are translated and transferred to said microcontroller whereby said microcontroller operates said microelectromechanical device in response thereto which forms said Braille dots allowing a blind person to discern the information displayed thereon by reading said Braille characters formed by the extended Braille dots; and

f. a compressor that provides air pressure to said microelectromechanical device whereby said microelectromechanical device forms said Braille dot by air pressure.

8. The refreshable Braille display of claim **7** further comprising a leak hole in said Braille dots such that said air pressure vents through said leak hole from said microelectromechanical device when it is closed.

9. The refreshable Braille display of claim **7** further comprising a vent in said microelectromechanical device such that said air pressure vents through said vent from said microelectromechanical device when it is closed.

10. The refreshable Braille display of claim **7** wherein said air pressure discharges to said compressor from said microelectromechanical device when it is closed.

11. A refreshable Braille display comprising:

a. a Braille dot that extends and retracts; and

b. a microelectromechanical device operably connected to said Braille dot such that said Braille dot extends and retracts based upon the operation of said microelectromechanical device, said microelectromechanical device extending said Braille dot by allowing pressure to be applied thereto, said Braille dot being made from a flexible, resilient polymer such that said Braille dot retracts by contracting when said pressure is not applied by said microelectromechanical device, said pressure being air pressure that vents when said Braille dot retracts by contracting.

12. The refreshable Braille display of claim **11** further comprising a leak hole in said Braille dot such that said air pressure vents through said leak hole when said Braille dot retracts by contracting.

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